

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for manufacturing a composite optical component comprising: steps of holding a an elongated, thin-walled functional device by a holding member to be formed into a composite body; and sandwiching said functional device by said holding member to form said composite body, wherein said functional device remains straight in changing environmental temperatures.

2. (Original) A method for manufacturing a composite optical component comprising: steps of holding a functional device by a holding member to be formed into a composite body; and caulking said functional device by said holding member to form said composite body.

3. (Original) A method for manufacturing a composite optical component comprising: steps of holding a functional device by a holding member to be formed into a composite body; sandwiching said functional device by said holding member; and plastic-deforming said functional device to form said composite body.

4. (Currently Amended) A method for manufacturing a composite optical component comprising: steps of holding a functional device by a holding member to be formed into a composite body; ~~caulking~~ caulking said functional device by said holding member; and plastic-deforming said functional device to form said composite body.

5. (Original) A method for manufacturing a composite optical component comprising: steps of holding a functional device by a holding member to be formed into a composite body; press- fitting said functional device into said holding member; and plastic-deforming said functional device to form said composite body.

6. (Original) A method for manufacturing a composite optical component comprising: steps of holding a functional device by a holding member to be formed into a composite body; elastic-deforming said holding member or functional device to fix said holding member and functional device together, heating said functional device; and plastic-deforming to reduce stress between two components, thereby allowing said holding member and functional device to slide-fit with each other.

7. (Original) A method for manufacturing a composite optical component according to Claim 6 comprising elastic-deforming said holding member to sandwich said functional device.

8. (Original) A method for manufacturing a composite optical component according to Claim 6 comprising elastic-deforming said holding member and caulking said functional device.

9. (Original) A method for manufacturing a composite optical component according to Claim 6 comprising elastic-deforming said functional device and press-fitting said functional device into said holding member.

10. (Currently Amended) A method for manufacturing a composite optical component comprising carrying out the ~~step~~ steps of Claim 6 and transfer of the shape of a molding die functional surface in the same process.

11. (Currently Amended) A method for manufacturing a composite optical component ~~according to Claim 1~~ comprising the steps of:

holding a functional device by a holding member to be formed into a composite body;
sandwiching said functional device by said holding member to form said composite
body; and

forming in a rugged shape a part of said functional device assembled with said holding member.

12. (Currently Amended) A method for manufacturing a composite optical component ~~according to Claim 1~~ comprising the steps of:

holding a functional device by a holding member to be formed into a composite body;
sandwiching said functional device by said holding member to form said composite
body; and

disposing a part of said functional device assembled with said holding member in a symmetrical configuration.

13. (Original) A method for manufacturing a composite optical component according to Claim 1 wherein said functional device is an optical device wherein one or more lenses, prisms or mirrors are arranged.

14.-57. (Canceled)

58. (New) A method for manufacturing a composite optical component according to Claim 1, wherein the holding member is made of a rigid material.

59. (New) A method for manufacturing a composite optical component according to Claim 58, wherein the holding member is made of metal.

60. (New) A method for manufacturing a composite optical component according to Claim 1, wherein the holding member is a one-piece member.